



Preliminary Information

PIC6446A Diagnostic Tip: Lane Keep Assist And Or Forward Collision Alert System Unavailable

Product Investigation Review Required

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Buick	Encore GX	2020 - 2022	All	All	All	All
Chevrolet	Trailblazer	2021 - 2022	All	All	All	All

Involved Region or Country	North America
Condition	A customer may comment that the Lane keep assist (LKA) and forward collision alert (FCA) systems are inoperative. While driving they might notice the lane keep assist (LKA) and vehicle detection icons will be flashing. "System unavailable" message will be displayed when pressing the Lane keep assist (LKA) button.
Cause	<p>If a tire is replaced with a tire size that is different than (OEM) tires it will cause a wheel speed discrepancy on straight road travel that will disable all driver assistance (Front Camera Module) systems relying on wheel speed sensor data inputs.</p> <p>LKA – Lane Keep Assist LDW – Lane Departure Warning FCA – Forward Collision Alert LSCMB – Low Speed Collision Mitigation Braking (RPO-UHY) PCMB – Pedestrian Collision Mitigation Braking (RPO-UKJ)</p>

Correction:

Perform a visual inspection and make sure all the tires are the same size (OEM).

If a tire has been replaced that is not the correct size (OEM), it will have to be replaced with the correct (OEM) tire as called out on the vehicles tire placard.

This is not warrantable.

Version History

Version	2
Modified	10/06/2021 - Created on. 11/15/2021 - Updated information in the cause field.



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